

INFORMATION DISCLOSURE CITATION PTO-1449		ATTY. DOCKET NO. 17882-706		SERIAL NO. 08/895,936		
		APPLICANT Wisniewski et al.				
		FILING DATE July 17, 1997		GROUP 3407		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
mgp	3,764,780	10-9-73	Ellis	219	430	6-16-71
mgp	2,405,091	7-30-46	Culbreth	62	149	6-27-45
mgp	3,108,840	10-29-63	Conrad et al.	312	214	12-5-60
mgp	2,449,343	9-14-48	Torbensen	52	99	2-12-45
mgp	5,168,725	12-8-92	Margolin	62	457.9	8-24-90
mgp	2,441,376	5-11-48	Stiening	62	89	3-15-45
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
mgp	518,301	22/02/40	Great Britain			
mgp	2 237 156	07/02/75	France	F28D	21/00	
mgp	0 618 413 A1	05/10/94	Europe	F25C	1/00	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	DATE CONSIDERED					

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>MGP</i>	5,220,954	6-22-93	Longardner et al.	165	10	10-7-92
	4,200,148	4-29-80	Friefeld et al.	165	104S	4-3-78
	4,976,308	12-11-90	Faghri	165	10	2-21-90
	5,579,830	12-3-96	Giammaruti	165	104.27	11-28-95
	5,520,885	5-28-96	Coelho et al.	422	101	1-19-93
	5,458,191	10-17-95	Chiang et al.	165	133	7-11-94
	5,411,078	5-2-95	Ares	165	113	12-13-93
<i>Mbr</i>	5,332,034	7-26-94	Chiang et al.	165	184	12-16-92

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>MGP</i>	A-12751/83	06/10/83	Australia	A23B	4/06		
	18668/83	02/09/83	Australia				
	0 316 966 B1	24/05/89	Europe	F25C	1/00		
	2 092 880 A	25/08/82	Great Britain	A23L	3/36		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

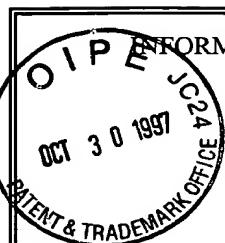
	Gore, H.C., "Apple Sirup and Concentrated Cider: New Products for Utilizing Surplus and Cull Apples", Yearbook of the Department of Agriculture, 1914, pp. 227-244.
	Stahl, A.L., "Concentration of Citrus Juices by Freezing", Florida State Horticultural Society, 1944, pp. 43-45.
	Lawler, Frank K., "Engineering Advances FREEZE-Concentration", Food Engineering, Vol. 23, No. 10, October 1951, pp. 68-71, 210-213.
	Schwarz, H.W., et al., "Production of Orange Juice Concentrate and Powder", Industrial and Engineering Chemistry, Vol. 40, No. 5, May 1948, pp. 938-944.
<i>MGP</i>	Burton, R. et al., "An experimental investigation of the solidification process in a V-shaped sump", Int. J. Heat Mass Transfer, Vol. 38, No. 13, (1995), pp. 2383-2393.
	Wisniewski, R. et al., "Large-Scale Freezing and Thawing of Biopharmaceutical Products", Biotech. and Biopharm. Manufacturing, Processing, and Preservation, Interpharm Press, Illinois, 1996, pp. 7-58.

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DATE CONSIDERED

15 Oct 98

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EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,212,957	5-25-93	Ruff	62	124	4-7-92
	5,181,387	1-26-93	Meckler	62	59	1-17-91
	5,176,197	1-5-93	Hamaguchi et al.	164	459	10-8-91
	5,090,207	2-25-92	Gilbertson et al.	62	59	11-30-90
	5,072,569	12-17-91	VanTassel	52	745	8-13-90
	5,054,548	10-8-91	Zohler	165	133	10-24-90
	5,033,544	7-23-91	Abbott	165	184	9-8-87
	5,022,149	6-11-91	Abbott	29	890.048	8-7-90
	5,005,371	4-9-91	Yonezawa et al.	62	238.6	5-18-90
	4,609,036	9-2-86	Schrader	165	10	8-7-85
	4,596,120	6-24-86	Knodel et al.	62	59	11-30-84
	4,584,843	4-29-86	Pronger, Jr. et al.	62	123	11-5-84
	4,531,373	7-30-85	Rubinsky	62	63	10-24-84
	4,512,388	4-23-85	Claar et al.	165	1	6-20-83
	4,509,344	4-9-85	Ludwigsen et al.	62	76	12-8-83
	4,426,959	1-24-84	McCurley	122	33	7-1-80
	4,344,479	8-17-82	Bailey	165	109R	7-28-78
	4,337,079	6-29-82	Mann, Jr. et al.	71	34	5-18-81
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